



THE INVESTIGATORY CO.  
26 E. Third St.  
DAYTON, O.

Placed out of 14 1/2 Mopine  
 4 3/4 ft. in place in corner  
 for trip from 15 minutes 40 to  
 Public Library via Dayton.  
 Aug 3 1906.

424

100 lbs } 17.1

20 lbs } 2.0  
 14 1/2 inch

20 lbs } 2.0

8 1/2 inch } 1.2

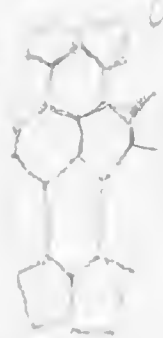
Harley Landing Red Rock Landing  
 Perry Co. Ark, very low water, in  
 river bottom.

St Marks, St Gene  
 Road to Farmington - about 3-4  
 miles out, as you go up ridge, will  
 you find yellowish limestone &  
 clay - probably.

W. H. H. bug,  
 Walk along river bank about  
 1 mile, in river bank.

*Skoridium* (?) *nodocistatus* Harley  
*Orthis nisis* group.

*Striatocystis elongatus*.  
 Not a striate  
 cystis.



Bowling Green  
 Red Rock

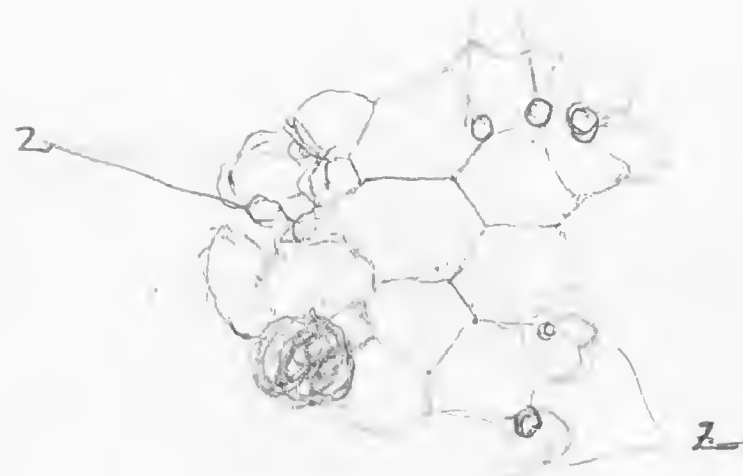
18-20 ft Bowling Green l, yellow,  
 3-4 ft Watson l, white, pure  
 green, crystalline  
 very white.

Black shale  
 Cum days yellow limestone  
 crabs.

Winchester 8:15 Am  
 9 P.M.  
 9:20 P.M.

$\frac{11}{13}$  15 16 13

3



St Louis 9 P.M. Sat.  
 Louisville, 6:55 A.M. Sunday.

Room 302 Terminal Hotel

Glencoe Lime & Cement Co.  
 Byers, Missouri

1/2 NW of West River, etc.



|                              |    |              |  |
|------------------------------|----|--------------|--|
| Thursday On RR,              |    | 26           |  |
| Friday In Hotel              |    | 27           |  |
| Saturday Private coach .50   | 28 | 3.00         |  |
| Sunday London 1.50           | 29 | 3.00         |  |
| Monday Sinking Springs 1.50  | 30 | 3.00         |  |
| Tuesday Sinking Springs 1.50 | 31 | 3.00         |  |
| Wednesday London 1.00        | 1  | 3.00         |  |
| Thursday                     |    | 3.00         |  |
|                              |    | <u>18.00</u> |  |

CH + D 9:45 PM Dayton 11:30 PM  
2:55 AM 4:40 AM

Big 4 9:45 PM Dayton 11:35 PM

From Conway school south  $\frac{3}{4}$  mi  
then east, at first whitish clay  
supposed to be Crest Archad, Further  
east is black shale dipping  
 $30^\circ$  or more eastward. Then further  
east is a sandy looking rock which  
may be Brown West Union.  
 $\frac{3}{8}$  mi E of side, at road angle  
where road turns north, West  
Union limestone, with Cladopora,  
small called Favosites.

Half a mile S of Smoky Corner School  
at corner 826, the base of the Allen-  
tany is exposed at 826 U.S.C.S.  
and this and the Black Shale  
occupy the ground as far south as  
the next depression in the road.

East of corner 826 top of Monroe occurs  
and  $\frac{1}{4}$  mile east is base of Allen-  
tany at 820 about.

From Smoky Corner School to house  $\frac{1}{8}$  mi NE  
Here top of Monroe is about 815. Up creek  
SE of house, in creek bed, and about  
27 ft below over level - Allen - tany - Monroe  
Contact. = dip east.  
At house top of Monroe is about 15  
feet below house level

From Sucky Corners School  $\frac{1}{4}$  mi W &  
then  $\frac{1}{4}$  mi N. where 820 line touches the  
road, west of where the limestone  
rises as high as 820 along the road.

From Sucky Corners School  $\frac{1}{4}$  mi W &  
then  $\frac{5}{8}$  mi N, to road corner 813.  
East of road corner as far as creek  
and for several hundred feet beyond,  
top of Murre is exposed. At about  
820 the Clintonian shows up and  
forms the hill as far as  $\frac{1}{4}$  mi E of the  
road corner. About  $\frac{3}{8}$  mi E of road  
corner the top of the Murre shows  
up again, somewhere near 830 and  
where the creek crosses the road  
 $\frac{1}{2}$  mi E of road corner, the Clintonian  
comes in again at about 830.

From corner 813 go  $\frac{1}{4}$  mi N. At road  
corner is Murre which shows up as  
usual at house nearly  $\frac{1}{4}$  mi E of corner.  
Directly east of house, at about 830  
is lowest Clintonian seen which  
continues to where road turns N.  
After the road has gone N for  $\frac{1}{2}$  mi  
the typical blue Black shale shows  
up at about 840.

From corner 813 go  $\frac{1}{4}$  mi N. to road  
corner, from here no exposures for  
 $\frac{1}{4}$  mi W. At this western road corner  
is Murre top. This Murre top rises  
irregularly northward for  $\frac{1}{2}$  mi  
where the road turns W. Murre is  
seen west of road corner. The Clintonian  
comes in east of road where road  
turns NW. Next Murre occurs very  
house in east side of road and Clintonian  
comes in NW of house and  
continues as far as road corner  
875. This series of outcrops here and  
to and SE of Sucky Corners School  
may go to that Clintonian rests upon  
very irregular Murre base, but  
it is possible that all the rocks here  
are irregularly contorted and folded.

From Conway school  $\frac{1}{8}$  mi N. to  
corner 782, then  $\frac{3}{4}$  mi E to where road  
turns off straight north. From this  
road, westward for a short distance  
top of Murre is exposed. Further west,  
black shale base shows up nearly  $\frac{1}{4}$  mi  
W of road junction, where 820 con-  
tinuity line reaches road from south,  
and this black shale and underlying  
Clintonian are exposed westward  
as far as both creek crossings. A  
short distance west of second creek  
crossing a sandstone like rock,



assumed to be West Union shales  
up and this sandstone like rock  
is followed east of road corner  
782 by a whitish clay assumed to  
be Crat Arch and clay. This same  
Crat Arch and clay and West Union  
sandstone occur also 1 mi S of  
road corner 782, where another  
road leads off west. It should  
be remembered however that one  
mile south of the Conway school  
this eastward road exposed actual  
black shale east of the supposed  
Crat Arch and and that the unknown  
sandstone, here called West Union,  
outcrops farther west. There is no  
doubt about northward dip in the  
black shale in the exposure  
east of the creek  $\frac{1}{2}$  mi NE of the  
Conway school.

Returning to the corner N of Conway  
school, = corner 782, a gully  $\frac{1}{2}$  mi E  
of corner + south of road, on east side of  
highest point in road, showed  
Taconurus or Canada-galli in sandstone  
suggesting Waverly age in place of  
West Union so that the clay section  
described, which dips westward,  
may also be one of the Waverly clays.

East side of pike at Conway school  
and church is more of unknown  
whitish clay here called Waverly  
clay.

Farther S along pike is black shale.  
Then farther south is the  
same unknown white clay of  
supposed Waverly age, and farther  
south is small abandoned stream  
where lane turns off west to several  
houses back from pike.

SW of point where this lane starts  
off is a knoll exposing below  
black shale on NE side where  
brook flows against east side of  
knoll.

Immediately W of point where this lane  
starts off there is a sandstone  
here in the present as Waverly.

Between point where lane turns off and  
road corner 779 the unknown  
white clay (Waverly clay?) is exposed  
along road, on E side of road.

N of Crooked creek  $\frac{1}{3}$  mi, W of  
letter F in FRANKLIN, Crat Arch and  
clay is overlaid on east side of  
road by base of West Union with  
typical Iron West Union fossils  
about 40 ft above road. This suggests  
Crat Arch and age of unknown  
clay, called Waverly above.

Wanted

*Corydactylus* (*Thrinacosoma*) *halli*, F.  
type locality & horizon?

Mingom Islands, where? St Lawrence  
Large Island " St Lawrence

*Pentamerus* *orbis* etc.  
Clinton horizon etc.

*Strophomena* *lanceolata*  
my collection?

*Clavosoma* *elongatum*

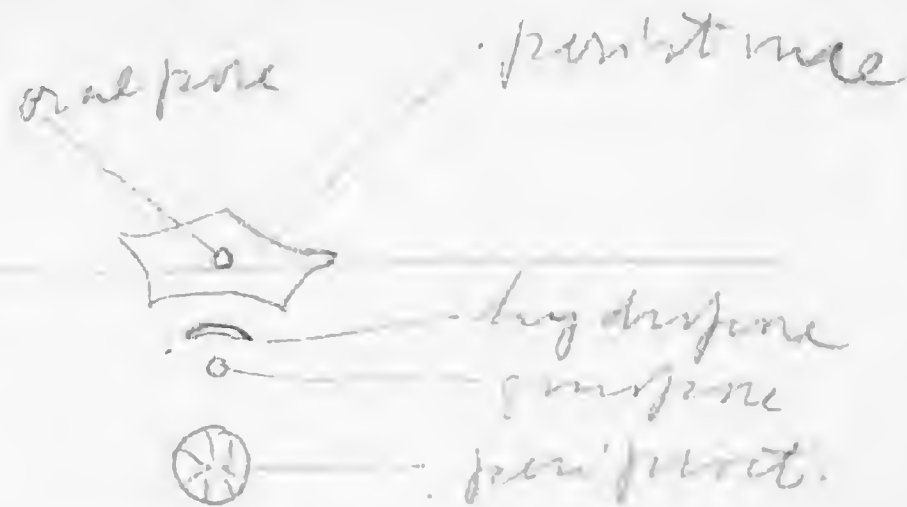
Anges in *lanceolata* type.  
at Trenton?

Kerr, *Perfection* *Impression* *Com-*  
*ponend.* *Detroit* *Dental*  
Mfg. Co

12.20 Car 1.

Lizzen 79th & Amsterdam  
Brieth in Wall 86 & Broadway

Antenna



Antar.

Lichas — 1920

*Ichthyodermata* 1919

*Sautelina* 1919

*Silurian* *Alv. II.* 1919



*Camantochia acuminata* Grandegault  
*Camantochia aquinodonta* Sangre de  
*Camantochia amara* Williamson  
*Camantochia neglecta* Pterisides Grandegault  
*Pterisides amara* Sangre de  
 ? B. v. Creek  
 Breunert  
 Van Hornville  
 Phoenix

*Beyrichia lata* Sangre de  
 → Sodus  
 ? Verma  
 ? Richardson

*Bellia lata* ? Sangre de  
 → Sodus  
 ? Williamson

*Saurina bitatialis* (maxim ?) Francaville  
*Beyrichia plurivittata* Francaville  
 Reynales  
*Centrodorina calyculata* ? Francaville

*Strophomella palenta* ? Francaville  
 Reynales  
*Camantochia blanda* Reynales  
*Athyra reticulata* Sodus  
 ? Williamson  
 Breunert  
*reticulata* Phoenix  
 Grandegault

*Cyrtopoda reticulata* Francaville  
 Sodus

*phylactula* Francaville  
 Reynales  
*Phacops biculcatus* Sodus

*Calymanella rostrata* Sodus

*Calymanella rostrata* ? Sodus  
*Calymanella major* Grandegault

*Calymanella striatula* ? Williamson  
 [Breunert]  
 Richardson

*Trimerus delphinocephalus* Hortonier  
 Grandegault

*Dalmanella lemniscata* Phoenix  
*Beyrichia* Grandegault  
*Spirifer aculeatus* West & Wilson  
 Williamson  
 Phoenix

*Spirifer major* ? West  
*Spirifer crispus* Grandegault  
*Athyra uncinata* Grandegault  
*Pentamerus* ? Phoenix  
 West

*Strophomella* Reynales

*Pentamerus* Reynales  
 West

Stromatoporidae  
"Ostrich eggs"

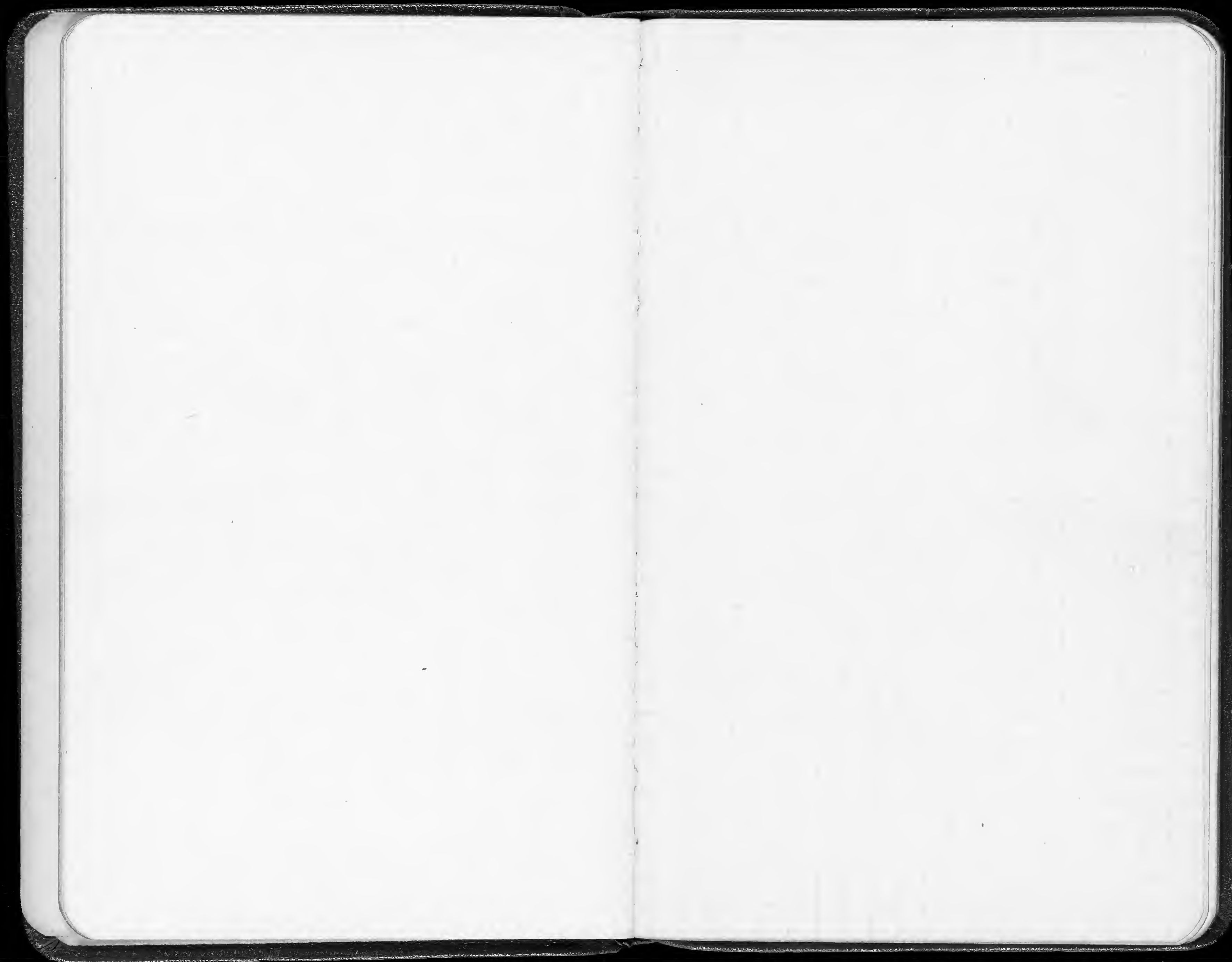
W H Bowles farm, 2 mi W of  
New London, on south side of  
road, on east branch of Doe  
Run, about  $\frac{1}{2}$  mile above its  
confluence with Doe Run,  
= ESE of this confluence.

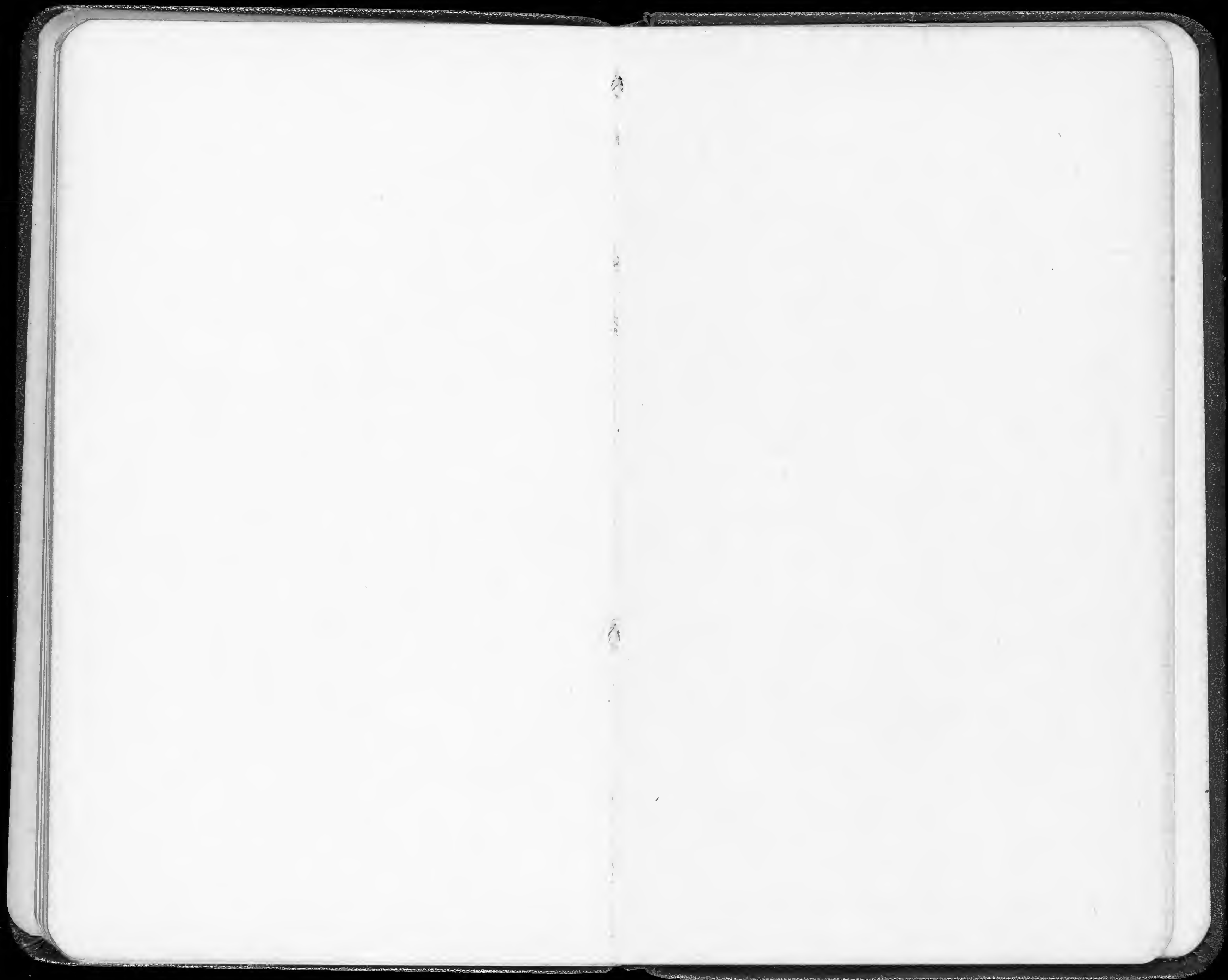
Top of Devonian ls. with large  
"pillow" structure, forming  
to the thickness of 2 feet. The  
total thickness of the Devonian  
here is 15 feet.

It is underlain by  
calcareous shale — 15 ft  
Yellowish green shaly clay - 2 ft  
Top of Stewartville with  
Murchisonia at top, and  
with Receptaculites and  
Cyclonites halli at 15 ft below top  
of Stewartville. At this  
Cyclonites horizon are some  
cystid fragments (Cryptocystites  
apparently).

The upper part of Devonian has  
crinoids Favosites polymorpha  
bel in the Stromatoporidae  
layer.









205-1172

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quartermaster 56  
ordnance 56  
signal corps 56

